

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: BROTO

Serial No.: New Application

Filed: April 23, 2004

For: METHOD FOR DETERMINING A SEISMIC WAVE VELOCITY
MODEL IN A HETEROGENEOUS UNDERGROUND

Group: Unassigned

Examiner: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97 & 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

April 23, 2004

Sir:

Applicant is submitting herewith for the Examiner's consideration copies of documents cited in a communication from a foreign patent office in a counterpart foreign application. The documents are listed on the attached form equivalent to Form PTO-1449.

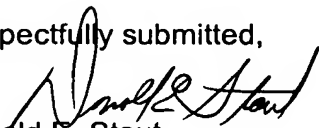
This Information Disclosure Statement is being submitted within three months of the filing date.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this Information Disclosure Statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 612.43765X00), and please credit any excess fees to such deposit account.

Respectfully submitted,



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Attachments

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.
612.43765X00

SERIAL NO.
New Application

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

APPLICANT
BROTO

FILING DATE
April 23, 2004

GROUP
Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 1 9 7 0 3 9	3/93	CORCORAN et al.			
	5 1 3 6 5 5 3	8/92	KELLY et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
1 2 3 9 3 0 4	9/02	EP				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	KOSLOFF et al., "Uncertainty in Determining Interval Velocities From Surface Reflection Seismic Data", XP-002270909, Geophysics, Vol. 67, No. 3, May-June 2002, pp. 952-963.
2	ECKHARDT, "Velocity Model Updating Using Image Gathers", XP 000619878, Geophysical Prospecting, 1994,

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.